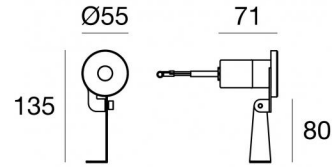




Unterwasserleuchten | 1 x powerLED 4 W DC 350 mA
CRI 80
80314M15



| Technische Daten | |
|---|----------------------|
| Typ | Oberfläche |
| Installationsposition | Wand - Decke - Boden |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | powerLED |
| Optik | Spot |
| Light emission direction | upward |
| Lampe Nennleistung | 4 W DC |
| Lichtstrom (Lichtquelle) | 490 lm |
| Eingangsspannungsbereich | 350mA |
| Ähnlichste Farbtemperatur / Tone | 2700 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CC |
| Isolierklasse | 3 |
| IP | IP68 |
| Maximale Einbautiefe | 25 m |
| Installationsbeschränkung | Nur unter Wasser |
| IK | IK10 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | DALI - 1-10V |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 5 m |
| Harzbeschichtung | Ja |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.4 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Technische Merkmale des Produkts | Acquastop - TVS |

Oberfläche Gehäuse

| | |
|----------|-----------------|
| Material | Stahl AISI 316L |
| Farbe | Stahl |

Oberfläche Diffusor

| | |
|----------|------------------------------|
| Material | Extra-helles Glas - Gehärtet |
| Farbe | transparent |

Oberfläche bügel

| | |
|----------|----------------|
| Material | Stahl AISI 316 |
| Farbe | Stahl |

Elektronik



89421
On/Off Driver 198~264V AC / 176~275V DC (1 art.)



C-E200006
On/Off Driver 198~264V AC / 180~275V DC (1 - 3 art.)

Cables Electrification

| | |
|-----------------|----|
| Cable connector | No |
|-----------------|----|

Unterwasserleuchten | 1 x powerLED 4 W DC 350 mA | CRI 80 80314M15

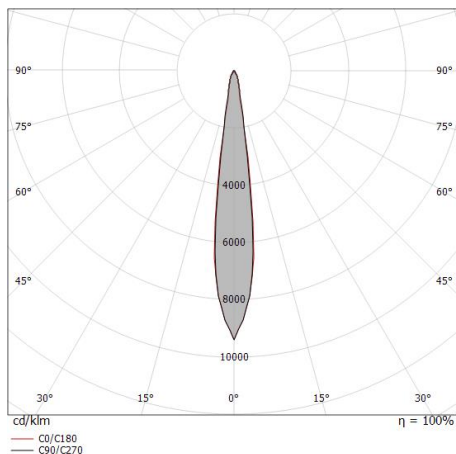
Single emission submerged for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 490 lm, with a 122.5 lm/W nominal luminous efficacy.

The device body is made of aisi 316l steel and features a steel finish; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP68; the total weight is of 0.4 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 W. The power supply cable is included and features a 5 m length.

The device features protection class III and can be wall lights, ceiling or floor-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.13 0.11 | E(0°) 15490 E(C90) 7.4° 7575 E(C0) 7.5° 7558 |
| 1.0 | 0.26 0.26 | E(0°) 3873 E(C90) 7.4° 1894 E(C0) 7.5° 1889 |
| 1.5 | 0.39 0.39 | E(0°) 1721 E(C90) 7.4° 942 E(C0) 7.5° 840 |
| 2.0 | 0.52 0.53 | E(0°) 968 E(C90) 7.4° 473 E(C0) 7.5° 472 |
| 2.5 | 0.65 0.66 | E(0°) 620 E(C90) 7.4° 303 E(C0) 7.5° 302 |
| 3.0 | 0.78 0.79 | E(0°) 430 E(C90) 7.4° 210 E(C0) 7.5° 210 |

— C0/C180 (Half-peak divergence: 15.0°)
— C90/C270 (Half-peak divergence: 14.8°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 84 % |
| Lichtstrom (Lichtquelle) | 490 lm |
| Leuchten Lichtstrom | 412 lm |
| Consumption | 4 W |
| Leuchten Lichtausbeute | 103 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 80 Ra |
| Black Body Locus | On |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

LED Life / Failure Ratio

L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 21.5 |
| UGR transversal | 21.7 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optik C0/C180 | 15° |
| Light distribution simmetry | Symmetrical |

COLOR VECTOR GRAPHIC

